

Title (en)

FERMENTATIVE PRODUCTION OF CARBOHYDRATES BY MICROBIAL CELLS UTILIZING A MIXED FEEDSTOCK

Title (de)

FERMENTATIVE PRODUKTION VON KOHLENHYDRATEN DURCH MIKROBIELLE ZELLEN, DIE EIN GEMISCHTES AUSGANGSMATERIAL VERWENDEN

Title (fr)

PRODUCTION PAR FERMENTATION DE GLUCIDES PAR DES CELLULES MICROBIENNES UTILISANT UNE ALIMENTATION MELANGEE

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Application

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Priority

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Abstract (en)

Disclosed are genetically engineered microbial cells for the production of a carbohydrate of interest, wherein the microbial cells possess an increased intracellular availability of at least one sugar phosphate, and produce the carbohydrate of interest when being cultivated in a culture medium containing a mixed monosaccharide feedstock as main carbon and energy source. Also disclosed is a fermentative method of producing a carbohydrate of interest by cultivating said genetically engineered microbial cell in the presence of a mixed monosaccharide feedstock as main carbon and energy source.

IPC 8 full level

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